

What is claimed is:

1. A housing of an electronic product, comprising:

an outer housing member, having:

5 an outer-housing recession portion; and

 a first key penetrating portion and an outer-housing penetrating portion,
respectively located on two opposite sides of said outer-housing recession
portion;

an inner housing member, having:

10 an inner-housing recession portion; and

 a second key penetrating portion and an inner-housing protrusion
portion, respectively located on two opposite sides of said inner housing member,
wherein said second key penetrating portion is located inside said inner-housing
recession portion, and said inner-housing protrusion portion penetrates into said
15 outer-housing penetrating portion for fastening said inner housing member and
said outer housing member;

an elastic member, installed on one side of said inner-housing recession portion
opposite to said second key penetrating portion; and

a key member, installed in said inner-housing recession portion, comprising:

20 a first key protrusion portion and a second key protrusion portion
respectively located on two opposite sides of said key member, wherein said
first key protrusion portion penetrates through said second key penetrating
portion and into said first key penetrating portion, for fastening said inner
housing member and said outer housing member, and said second key protrusion
25 portion compressed said elastic member so as to reinforce the fastening of said

key member to the inner-housing recession portion, wherein the elastic member is used for easily taking out the key member.

2. The housing according to claim 1, wherein said outer housing member has a display opening used for installing a display screen.

3. The housing according to claim 1, wherein said outer housing member has a plurality of first push-button penetrating portions located on the bottom of said outer-housing recession portion, and said housing further comprises:

10 a push-button member, having a push-button base and a plurality of protrusion elements located on said push-button base, wherein said plurality of protrusion elements are exposed from an outer-housing surface of said outer housing member opposite to the opening direction of said outer-housing recession portion after respectively penetrating through said first push-button penetrating portions.

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4. The housing according to claim 3, further comprising:

a background element, installed in said outer-housing recession portion, wherein said push-button member is installed on said background element, and said inner housing member is installed on said push-button member and a portion of said background element, said background element having:

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a plurality of second push-button penetrating portions, corresponding to said plurality of first push-button penetrating portions, thereby exposing said protrusion elements from said outer-housing surface of said outer housing member after respectively penetrating through said plurality of second push-button penetrating portions.

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5. The housing according to claim 3, wherein said inner housing member has:
an inner-housing recession bottom, located on an inner-housing surface opposite
to the opening direction of said inner-housing recession portion, for accommodating
5 said push-button base.

6. The housing according to claim 3, wherein at least one portion of said
outer-housing surface is transparent.

10 7. The housing according to claim 1, wherein said key member is a battery.

8. The housing according to claim 1, wherein said elastic member is a spring.

15 9. The housing according to claim 1, wherein said electronic product is a mobile
phone.

10. A housing of a mobile phone, wherein said housing comprises:
an outer housing member, having:
an outer-housing recession portion;
20 a first key penetrating portion and an outer-housing penetrating portion,
respectively located on two opposite sides of said outer-housing recession
portion; and
a plurality of first push-button penetrating portions located on the
bottom of said outer-housing recession portion;
25 a background element, installed in said outer-housing recession portion, wherein

said background element has a plurality of second push-button penetrating portions, corresponding to said plurality of first push-button penetrating portions;

a push-button member, having

a push-button base; and

5 a plurality of protrusion elements, located on said push-button base, wherein said plurality of protrusion elements are exposed from an outer-housing surface of said outer housing member opposite to the opening direction of said outer-housing recession portion after respectively penetrating through said second push-button penetrating portions and said first push-button penetrating portions;

10 an inner housing member, installed on said push-button member and a portion of said background element, comprising:

an inner-housing recession portion;

15 a second key penetrating portion and an inner-housing protrusion portion, respectively located on two opposite sides of said inner housing member, wherein said second key penetrating portion is located inside said inner-housing recession portion, and said inner-housing protrusion portion penetrates into said outer-housing penetrating portion for fastening said inner housing member and said outer housing member; and

20 an inner-housing recession bottom, located on an inner-housing surface opposite to the opening direction of said inner-housing recession portion, for accommodating said push-button base;

an elastic member, installed on one side of said inner-housing recession portion opposite to said second key penetrating portion; and

25 a key member, installed in said inner-housing recession portion, comprising:

a first key protrusion portion and a second key protrusion portion respectively located on two opposite sides of said key member, wherein said first key protrusion portion penetrates through said second key penetrating portion and into said first key penetrating portion, for fastening said inner housing member and said outer housing member, and said second key protrusion portion compressed said elastic member so as to reinforce the fastening of said key member to the inner-housing recession portion, wherein the elastic member is used for easily taking out the key member.

11. The housing according to claim 10, wherein at least one portion of said outer-housing surface is transparent.

12. The housing according to claim 10, wherein said outer housing member has a display opening used for installing a display screen.

13. The housing according to claim 10, wherein said key member is a battery.

14. The housing according to claim 10, wherein said elastic member is a spring.